

Society for Technology and Action for Rural Advancement

Limited Tender Enquiry

For

**Supply of C-Shape Sorting Conveyor for Material Recovery
Facility for Plastic Waste Management at Agra**

For

Nirmal Agra Project

Society for Technology and Action for Rural Advancement

B-32, TARA Crescent, Qutub Institutional Area, New Delhi-110016

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**LIMITED TENDER ENQUIRY FOR INVITING BIDS FOR SUPPLY OF C-SHAPE SORTING
CONVEYOR FOR MATERIAL RECOVERY FACILITY FOR PLASTIC WASTE
MANAGEMENT AT AGRA**

Society for Technology and Action for Rural Advancement (TARA), B-32, Tara Crescent, Qutub Institutional Area, New Delhi-110016, invites Bids for Supply of C-Shape Sorting Conveyor for material recovery facility at Agra, under Single Bid system, as per the detailed specifications mentioned in this tender document.

Tender documents can also be downloaded from the TARA website: www.tara.in; from Dt.31st Aug.'2023.

The last date for Bid submission is Dt.14th Sep.'2023, 23.59 hr.

Tender Committee of Society for Technology and Action for Rural Advancement reserves the right to accept or reject any or all the Bids without assigning any reasons.

In case of any query/clarifications, pl. write to: nirmalagra@tara.in by Dt.11th Sep.'2023, 18.00 hr.

**Head Administration,
Society for Technology and Action for Rural Advancement.**

CRITICAL DATES OF LIMITED TENDER ENQUIRY

S. No.	Particulars	Date	Time
1.	Date of Issue of Tender Enquiry thru E-mail	31-08-23	18.00 hrs.
2.	Last date for seeking clarifications	11-09-23	18.00 hrs.
3.	Bid submission End date & time	14-09-23	18.00 hrs.
4.	Bid opening Date & time	15-09-23	12.00 hrs.

Head Administration,
Society for Technology and Action for Rural Advancement.

GENERAL INSTRUCTIONS FOR SUBMITTING BIDS:

1. Bids shall be submitted in the **Letter Head of the Company**.
2. The Bids can be submitted thru **courier, by hand or thru e-mail @ nirmalagra@tara.in**
3. The **original hard copies of the Bids in a sealed envelope** must be **couriered/hand delivered before or by the last day of the Bid closing date**, at the correspondence address mentioned below:

Ms. Aakriti Uttam, Senior Manager
Society for Technology and Action for Rural Advancement (TARA)
B-32 TARA Crescent Qutub Institutional Area,
New Delhi 110016.

4. The prices/rates quoted should be indicated in words as well as in figures.
5. Pl. use the **Formats** provided in this limited tender document for submitting your Bids.
6. Each page of the Bid document must have Signatures of Authorized Signatory of Tendering Firm with Company Seal.
7. Tenderers are requested to quote their prices according to the mentioned technical specifications & quantity, inclusive of all type of taxes, installation & commissioning etc. on a firm & fixed basis only.
8. Bids of the firms received with **prices quoted on variable basis shall be rejected straightaway**.
9. **Late/delayed tenders** due to any reason whatsoever will not be accepted under any circumstances.
10. The **Bids would be rejected** in case all the equipments are not considered for supply.
11. Provide your bank details in the attached format – **ANNEXURE-II**.
12. The tender and all the correspondences and supporting documents shall be in English language only.
13. The total lump sum amount quoted as per the Price Bid will be considered for finalizing the Lowest (L1) bidder on the offer being found techno commercially acceptable.
14. The contract will be awarded to the successful bidders whose tender is determined to be lowest and determined to be qualified to satisfactorily perform the contract. However, the employer does not bind himself to accept the lowest or any other tender and **has the right to reject any tender without assigning any reasons**. No representation whatsoever will be entertained on this account.

SCOPE OF WORK:

We are assisting Agra Nagar Nigam in setting up Decentralized model-based Material Recovery Facility by supplying the various equipments such as Hydraulic Bailing Machine, Shredder machines, C-Shape sorting conveyor belts, Fatka Machines and other ancillary Equipments etc. for the said material recovery facility.

For this we are looking for reputed Suppliers, who will supply & deliver the required equipment/s as per the specifications mentioned in this tender documents. The Equipments need to be delivered to Agra Nagar Nigam at the stipulated address.

RESPONSIBILITY OF THE SUPPLIER:

- To supply **all the Equipments** as per the Technical Specifications - **ANNEXURE-I** and Requirement mentioned in this tender documents. The **Bids would be rejected** in case all the equipments are not considered for supply.
- Supplier to provide **GA/ Installation Drawings & QAP** (Quality Assurance Plan) for all equipments, **within a week's time from the date of the Purchase Order.**

Technical Qualification Criteria & Information

1.	Name & Address of the Bidder Co. with Tele No., Fax No., and Email	
2.	Date of Establishment of the Bidder with related documents – enclose copy of Co. registration certificate.	
3.	Name & Tele No./ Mobile No. of Contact Person	
4.	Tendering firm must be A manufacturer /Supplier of Machinery for Municipal Wastes for Material Recovery Facility.	
5.	At least three years' experience in supply of such machinery/equipment - Pl. provide copy of P. O's for past supplies.	
6.	PAN No. of the Bidder – please provide signed copy.	
7.	GST No. of the Bidder – please provide signed copy.	
8.	Financial capability – The bidder should have minimum turnover during last three years on an average of Rs. 200 lakhs with its Related document.	
9.	Signed copy of technical specification sheet – ANNEXURE – I	

Signatures of the bidder :

Co. Seal :

Name of Contact person :

Address :

Mobile No. :

Price Bid

Limited Tender Enquiry for **Supply of C-Shape Sorting Conveyor for the Material Recovery Facility at Agra Nagar Nigam in Agra:**

S. No.	Description	Qty.	Unit	Unit Rate (₹)	Total Amount (₹)
1.	Supply of Single Shaft C-Shape Sorting Conveyor, 5 Tonne/Shift capacity as per the attached Technical Specifications -Annexure-I & Schematic Drg. (For ref. only)- Annexure-IV.	03	Nos.		
Sub Total:					
GST @ %					
Total Amount:					
Amount in words: Rupees.....					

Signatures of the bidder :

Co. Seal :

Name of Contact person :

Address :

Mobile No. :

ANNEXURE - I

TECHNICAL SPECIFICATIONS

C-Shape Sorting Conveyor:				
S. No.	Description	Specification	Comply Yes/No	If Deviations, pl. mention details
A. General:				
i).	Type	C- Shape Flat Belt Type		
ii).	Production Capacity	5 Ton/shift (of 8 hours).		
ii).	Material to be conveyed	Municipal Solid Waste		
iv).	Distance Centre to Centre	5000 mm each section (three sections)		
v).	Feed height (top of the pulley from G.L)	800 ± 50 mm/ 1000 ± 50 mm/ 1000 ± 50 mm		
vi)	Discharge height (Top of the pulley from G.L)	1200 ± 50 mm (for all the three sections)		
vii).	Speed control m/min.	1.6 m - 9 m/min., Variable speed - VFD controlled.		
viii).	Direction	Single		
B. Head & Tail Pulley				
i).	Head & Tail Pulley dia.	Vendor to specify		
ii).	Shaft Material	EN8		
iii).	Shaft dia. At bearing	45 mm ± 2mm		
iv).	Rubber lagging	3 mm pasting on head pulley		
C. Carriage/Return Roller:				
i).	Idler dia. - O. D	48 mm - ± 2 mm		
ii).	Thickness	3 mm		
iii).	Shaft Material	EN8		
iv).	Shaft dia. At bearing	10 mm		
v).	Spacing	~ 1050 mm		
vi).	Cap	Dust proof Nylon PVC Cap at both ends.		
D. Belt:				
i).	Belt Material	PVC		
ii).	Make	DERCO		
iii).	Belt Width	900 mm (working width)		
iv).	Belt Thickness	> 5 mm (3 ply)		

S. No.	Description	Specification	Comply Yes/No	If Deviations, pl. mention details
E.	Drive:			
i).	Motor makes	Crompton Greaves/ABB/Siemens		
ii).	Motor hp	3 hp each section (with Guard)		
iii).	Type	Single drive		
iv).	Motor Specification	IE2, 3 phase, 415V, 50 Hz, Squirrel cage, TEFC		
F.	Structure:			
i).	Conveyor Structure - Square Pipe Dia. (Side Stringer & Vertical Support)	80 mm x 40 mm x 2 mm; Material of Construction - MS		
ii).	Conveyer Bed HR Sheet Thickness	2 mm		
iii).	Conveyer Rest Pad	Base plate type		
iv).	Bearing pedestal type	SKF make		
v).	Emergency Stopper	Standard push button at discharge		
G.	Take-up Unit:			
i).	Type	Screw type Tensioning Arrangement provided		
H.	Painting:			
i).	Type - powder coated	Vendor to Specify type of paint.		

Signatures of the bidder :

Co. Seal :

Name of Contact person :

Address :

Mobile No. :

ANNEXURE - II

BANK DETAILS OF THE SUPPLIER

1. Name of the Bank of the Bidder:

2. Branch Name and Address:

3. Bank A/c No. & Type:

4. Bank IFSC Code:

Signatures of the bidder :

Co. Seal :

Name of Contact person :

Address :

Mobile No. :

ANNEXURE - III

GENERAL TERMS AND CONDITIONS

1. **Purchaser:** Society for Technology and Action for Rural Advancement,
B-32, Tara Crescent, Qutub Institutional Area,
New Delhi – 110016.
GST: 07AAAAS0277Q1Z2
2. **Consignee:** Agra Nagar Nigam,
Mahatma Gandhi Road, Near Sursadan Crossing,
Wazirpura, Nehru Nagar, Civil Lines, Agra,
Uttar Pradesh- 282002.
3. **Rates:**
 - a. Prices quoted should be firm & fixed in Indian rupees (INR) on **Ex-works basis**, inclusive of taxes, transit insurance etc.
 - b. Request for enhancement of rates shall not be considered under any circumstances.
 - c. The tendered rates shall remain valid and applicable during the whole execution period and the supplier shall not be entitled to any price variation or escalation **except for statutory changes**.
4. **Price Basis:** Ex-works basis.
5. **Freight:** Extra at actuals. The supplier would have to provide the original LR/GR as supporting document for claiming the freight charges.
6. **Insurance:** In supplier's scope. Safe delivery of all equipment at installation site is the primary responsibility of the supplier. For this, if required the insurance would have to be arranged by the supplier at his own cost.
7. **Validity of Bids:** The quoted rates must be valid for a minimum period of **90 days** from the last date of Bid submission.
8. **Bid Submission Method:** The bids can be sent to the e-mail id: nirmalagra@tara.in, in a single folder containing all the documents & annexures, as required, in one go. No multiple emails in this regard would be entertained. The **original hard copies of the Bids in a sealed envelope** must be **couriered/hand delivered before or by the last day of the Bid closing date**, at the correspondence address mentioned below.
9. **Correspondence Address:** All the Bids should be delivered in the name of **Ms. Aakriti Uttam, Senior Manager**, Society for Technology and Action for Rural Advancement (TARA) to the address: B-32 TARA Crescent Qutub Institutional Area, New Delhi 110016.

10. Last date of Bid Submission: The last date of Bid submission is **14th Sep.'2023**.

11. Warranty:

- The Supplier will have to provide **One year's warranty/guarantee** for the supplied equipment, from the date of Commissioning **or 18 months from the date of supply**, whichever may occur earlier.
- Supplier must give the comprehensive warranty in writing that everything to be supplied by them hereunder shall be free from all defects and faults arising from design, material, workmanship, and material shall be in full conformity with the specifications.

12. Defect Liability Clause:

- a. In case of any loss, breakage / damage and manufacturing defects are detected in the supplied material; it shall be replaced / repaired by the manufacturer/supplier free of cost and without any charges whatsoever.
- b. The supplier will remain responsible for any defect arising out of defective or improper materials or workmanship during period of **warranty** and they shall be bound to make good the same at their own cost.
- c. The maximum downtime during warranty period should not be more than a week from the time the complaint is lodged.

13. Delivery: Timely delivery of the equipment is the essence of this tender. The delivery period for the tendered equipment will be **8 weeks** from the date of issue of the purchase order.

14. Training: The supplier to provide training to 2-3 personnel of the user in Control, Operation and Maintenance of the supplied equipment. There would be no extra charges for this.

15. Payment Terms:

- a. **Advance Payment: 45%** of the total payment as advance along with the purchase order.
- b. **First Interim Payment: 45%** of the purchase order value after readiness of the material for despatch duly inspected and cleared for despatched by the purchaser.
- c. **Final Payment: The remaining 10% payment** will be made after the successful delivery & installation of the machines at Agra Nagar Nigam's site and submission of the proof of delivery/installation along with the original set of documents as mentioned at clause no.21 below.
- d. All payments shall be made by **NEFT/RTGS/DBT** only. Hence supplier should provide bank account detail in the attached format – **ANNEXURE-II**.

16. Penalty for Delayed Delivery: Timely delivery of the equipment is the prime essence of this tender. Hence utmost care needs to be taken by the supplier to ascertain the delivery of various equipments as per the delivery schedule mentioned at S.No.13 above. In case of any delay in delivery of the equipments, a financial penalty deduction would be levied as mentioned below:

- a. Penalty deduction @ **0.5% per week of delay** will be imposed on the firm in case of late supply. Fraction of a week would be considered as a week for the sake of calculation of delays in delivery.
- b. The maximum deduction of penalty shall be @ **5% of the total order value**.

17. Pre-Dispatch Inspection:

- a. Pre-dispatch inspection would be carried out prior to final delivery of the Equipments. Supplier to inform **at least 1 week in advance** for the same.
- b. **Supplier to submit "QAP" within a weeks' time** on receipt of the purchase order.
- c. In case pre-dispatch inspection is not carried out; TARA shall have a reasonable time after delivery of the goods to inspect and to reject and refuse acceptance of goods not conforming to this Purchase.
- d. Payment for goods pursuant to this Purchase shall not be deemed an acceptance of the goods.
- e. Inspection prior to delivery/shipment does not relieve the Supplier from any of its contractual obligations.

18. Late/Delayed Tenders: Bids received after closing date and time prescribed in this Enquiry shall not be accepted under any circumstances.

19. Prescribed Forms: Tenders of firms received in the format prescribed in this tender document shall only be considered. **Offers not received in the prescribed format shall be ignored** and no correspondence in this regard will be entertained. Telegraphic/Telex/Fax/Quotations will not be accepted and ignored straightaway.

20. Non-Transferability: This tender is non-transferable.

21. Documentation: After delivery/dispatch of the equipments; the following **original documents**, must be sent to the address as mentioned above at S.No.9 :

- Original copy of Invoice
- Dispatch/Packing Slip
- Original copy of LR/GR
- Warranty/Guaranty certificate
- Manufacturer's Test Reports for the equipment
- OEM's test report for the major bought out items etc.

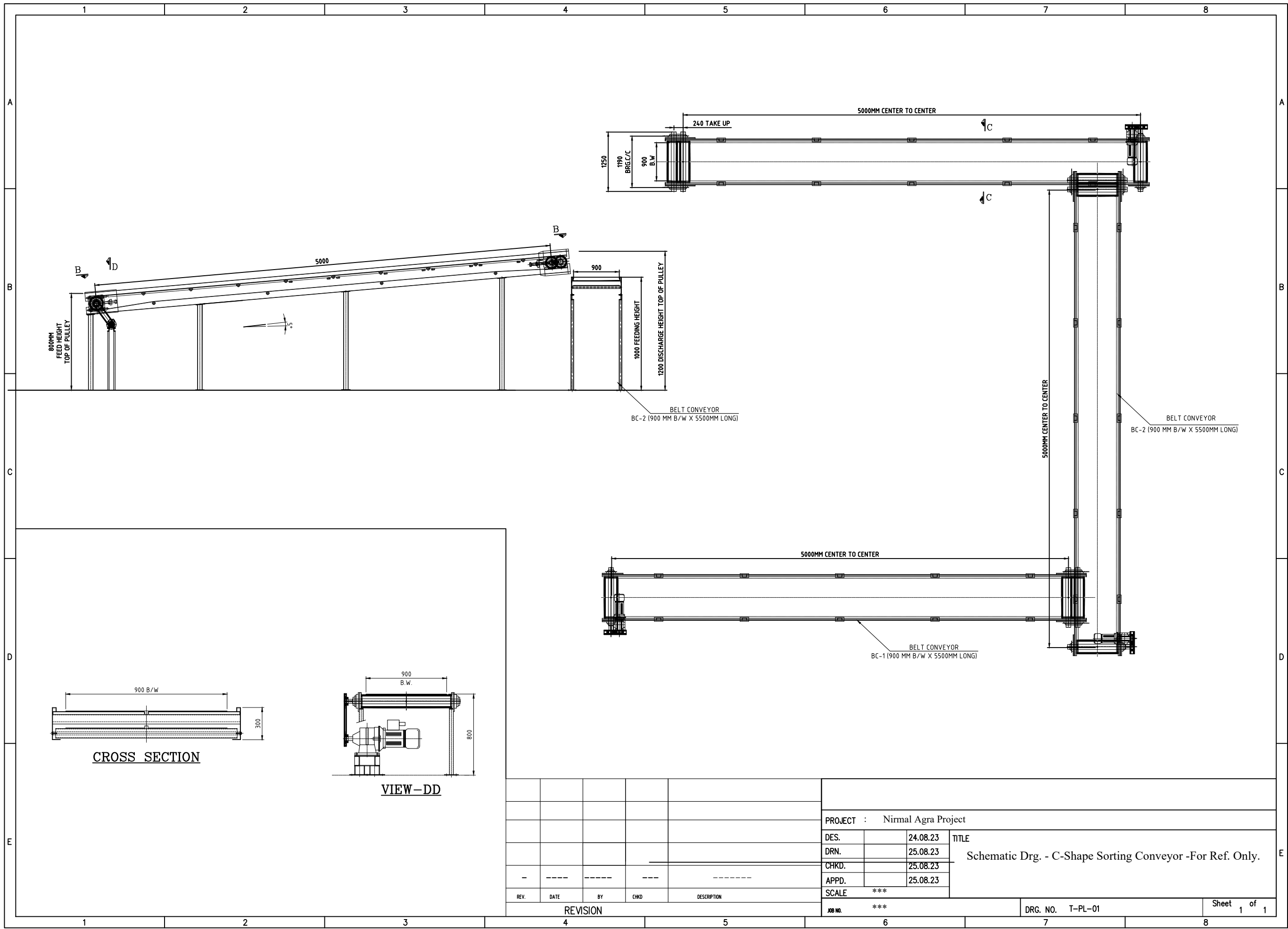
22. Force Majeure: for the purpose of this tender, "Force Majeure" means an event which is beyond the reasonable control of a party, and which makes a party's performance of its obligations hereunder impossible in the circumstances and includes but is not limited to war, riots, civil disorder, earthquake, fire, explosions, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action(except where such strikes, lockouts or other industrial action are within the power of the party invoking force majeure to prevent), confiscation or any other action by the government agencies.

23. Intellectual Property Infringement: The Supplier warrants that the use or supply by TARA of the goods sold under this Purchase Order does not infringe any patent, design, tradename, or trademark. In addition, the Supplier shall, pursuant to this warranty, indemnify, defend, and hold TARA harmless from any actions or claims brought against TARA pertaining to the alleged infringement of a patent, design, tradename, or trademark arising in connection with the goods sold under this Purchase Order.

24. Settlement of Disputes:

- a. The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of, or relating to this Purchase/Work Order or the breach, termination, or invalidity thereof. Where the Parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place as may be agreed between the Parties.
- b. Unless, any such dispute, controversy or claim between the Parties arising out of or relating to this Purchase Order or the breach, termination or invalidity thereof is settled amicably under the preceding paragraph of this Section within sixty (60) days after receipt by one Party of the other Party's request for such amicable settlement, such dispute, controversy, or claim shall be referred by either Party to the exclusive jurisdiction of the competent courts in Delhi.

25. Tender committee of Society for Technology and Action for Rural Advancement reserves the right to reject any tender/all tenders in full or part thereof without assigning any reasons.



BELT CONVEYOR
BC-2 (900 MM B/W X 5500MM LONG)

BELT CONVEYOR
BC-2 (900 MM B/W X 5500MM LONG)

BELT CONVEYOR
BC-1 (900 MM B/W X 5500MM LONG)

CROSS SECTION

VIEW-DD

REV.	DATE	BY	CHKD	DESCRIPTION
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PROJECT :		Nirmal Agra Project	
DES.	24.08.23	TITLE	Schematic Drg. - C-Shape Sorting Conveyor -For Ref. Only.
DRN.	25.08.23		
CHKD.	25.08.23		
APPD.	25.08.23		
SCALE	***		